

OUT 65748

20 AUG 63 23 08Z
25X1
25X1

1. QUALITY SUMMARY: THIS MISSION PROVIDES IMAGE QUALITY COMPARABLE TO PREVIOUS MISSIONS USING UNIT B-18. THE IMAGE QUALITY IS INCONSISTENT FROM FRAME TO FRAME WITH A GENERAL IMPROVEMENT TOWARDS THE END OF THE MISSION. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE FAIR TO GOOD. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 18, WAS USED IN MISSION G-038 FLOWN ON 15 AUGUST 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE V WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN. ALL WAS PROCESSED TO A 0.6 GAMMA AT A SPEED OF 2.32 (LOG E).

A. EXPOSURE: THE FIRST PART OF THE MISSION IS SLIGHTLY UNDEREXPOSED; HOWEVER, AS SOLAR ELEVATION INCREASED, THE EXPOSURE BECAME ADEQUATE.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM; HOWEVER, THE FIRST PART OF THE MISSION IS VERY THIN DUE TO UNDEREXPOSURE.

(1) BOTH SIDES: ROLLER CHATTER ON THE EDGES, STATIC FOG AND FLARE ASSOCIATED WITH THE DATA BLOCK AND VERTICAL INDICATOR DOT ARE PRESENT THROUGHOUT.

(1) 9R SIDE: HEAT SPLICES ARE PRESENT BETWEEN FRAMES 495 AND 496 AND IN FRAME 1027. A MANUFACTURER'S SPLICE IS CONTAINED IN FRAME 1952.

(2) 9L SIDE: HEAT SPLICES ARE LOCATED BETWEEN FRAMES 142 AND 143, 1199 AND 1200, AND 1499-1500, AND IN FRAME 311. FRAME 1827 CONTAINS A MANUFACTURER'S SPLICE.

E. AUXILIARY DATA: THE IR POSITION LAMP IS VERY WEAK AND THE FRAME COUNTER SKIPPED FRAME 002 CAUSING A BIAS OF ONE BETWEEN TITLING AND DATA BLOCK.

F. OTHER: MINOR, ERRATIC METERING IS PRESENT THROUGHOUT THE MISSION.

4. POSITIVES: THE PRINTING AND PROCESSING WERE GOOD.

S E C R E T

END OF MESSAGE

MATERIAL	SECTION
02	PI
PLY	1
POSURE	2
34	TS66/7A0
THE	25X
TIC FOG	
ATOR	
AMES 495	
INED IN	
AMES 142	
AME 1827	
K AND	
BETWEEN	
HOUT	

ADVANCE CX
SANITIZED
WITH TEXT

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification